

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application:

Listing of Claims:

1. (Currently Amended)

A process for manufacturing a fibrin membrane, characterized in that it comprises the steps of:

- a) adding a physiological coagulating agent to blood plasma, up to gelling and clot formation;
- b) removing the ~~a~~ transudate from said blood clot by means of ~~physiologic a~~ physiological absorbent ~~agents~~ agent to form a membrane;
- c) washing said ~~blood-clot~~ membrane with ~~a~~ dehydrating and ~~a~~ softening ~~agents~~ agent; and
- d) drying and sterilizing said ~~dehydrated-blood-clot~~ washed membrane.

2. (Currently Amended)

The process according to claim 1, characterized in that said physiological ~~eluting~~ coagulating agent is calcium chloride.

3. (Currently Amended)

The process according to claim 1 or 2, characterized in that said physiological absorbent ~~agents are~~ agent is an inorganic ~~salts~~ salt.

4. (Currently Amended)

The process according to claim 3, characterized in that said inorganic ~~salts are~~ salt is NaCl, NaHCO₃, or a mixture thereof.

5. (Currently Amended)

The process according to ~~one of the previous claims~~ claim 1, characterized in that said

softening agents are low-boiling alcohols agent is an alcohol in propane-triol, in particular ethanol in propane-triol.

6. (Withdrawn)

A fibrin membrane, characterized in that it is obtained by a process according to one or more previous claims.

7. (Withdrawn)

The fibrin membrane according to claim 6, characterized in that it shows a modulus of elasticity between 0.070 and 2.600 N/mm.

8. (Withdrawn)

The fibrin membrane according to claim 6 or 7, characterized in that it shows a breaking limit between 0.030 and 0.350 N/mm.

9. (Withdrawn)

The fibrin membrane according to one or more claims from 6 to 8, characterized in that it shows a proportionality limit tension/strain between 0.025 and 0.085 N/mm.

10. (Withdrawn)

The fibrin membrane according to one or more claims from 6 to 9, characterized in that it is soaked with disinfectant agents.

11. (Withdrawn)

The fibrin membrane according to one or more claims from 6 to 10, characterized in that it is soaked with drugs.

12. (Withdrawn)

The fibrin membrane according to one or more claims from 6 to 11, characterized in that it is soaked with tissue growth factors.

13. (New)

The process according to claim 5, characterized in that said alcohol in propane-triol is ethanol in propane-triol.